

AMENDMENTS TO THE CLAIMS:

1-37. (Cancelled)

38. (New) A data transceiving system for causing a broadcasting station to transmit data to a plurality of television receivers through broadcasting and causing said television receivers to transmit response information to response information receiving equipment via a communication line having a certain transmission capability in response to said data transmission,

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wherein said broadcasting station transmits to said television receivers retrieval information by which said television receivers retransmit said response information when communication between said television receivers and said response information receiving equipment is unsuccessful, and said retrieval information is contained in said transmitted data, whereby said broadcasting station controls transmission of said response information to said response information receiving equipment from said television receivers based on said transmission capability of said communication line.

39. (New) A data transceiving system for causing a broadcasting station to transmit data to a plurality of television receivers through broadcasting and causing said television receivers to transmit response information to response information receiving equipment via a communication line having a certain transmission capability in response to said data transmission,

wherein said broadcasting station transmits to said television receivers retrieval information by which said television receivers retransmit said response information when communication between said television receivers and said response information receiving equipment is unsuccessful, and upon receipt of said retrieval information contained in said broadcasting data transmitted by said broadcasting station, each of said television receivers controls retransmission of said response information to said response information receiving equipment based on said retrieval information, whereby said broadcasting station controls transmission of said response information to said response information receiving equipment from said television receivers based on said transmission capability of said communication line.

40. (New) A television receiver for displaying images in response to receipt of data transmitted by a broadcasting device, for transmitting response information to response information receiving equipment via a communication line having a certain transmission capability, and for retransmitting said response information to said response information receiving equipment when communication between said television receiver and said response information receiving equipment is unsuccessful,

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wherein upon receipt of retrial information contained in said broadcasting data transmitted by said broadcasting station, said television receiver controls retransmission of said response information to said response information receiving equipment based on said retrial information, whereby said broadcasting station controls transmission of said response information to said response information receiving equipment from said television receivers based on said transmission capability of said communication line.

41. (New) The television receiver according to claim 40, wherein initial transmission scheduling times with said response information receiving equipment are specified by random computation based on received delay information.

42. (New) The television receiver according to claim 40, wherein determination as to whether or not to make retrial transmissions is based on a transmission end time sent from said broadcasting device.

43. (New) The television receiver according to claim 40, comprising detection means for detecting causes of non-establishment of communications with said response information receiving equipment.

44. (New) The television receiver according to claim 43, comprising retrial condition alteration means for altering conditions for subsequent retrial transmissions based on said detected causes.

45. (New) The television receiver according to claim 44, wherein said retrial

condition alteration means generate notification data for altering a setting time width for retrial transmissions.

46. (New) The television receiver according to claim 44, wherein said retrial condition alteration means suspend retrial transmissions.

47. (New) The television receiver according to claim 43, wherein notification data is generated for notifying of said detected causes.

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48. (New) The television receiver according to claim 40, wherein time remaining for transmission is computed from a transmission end time sent from said broadcasting device, and said retrial transmission conditions are altered according to said time remaining for transmission.

49. (New) The television receiver according to claim 40, wherein notification data is generated for notifying of results of communications with said response information receiving equipment.

50. (New) The television receiver according to claim 49, wherein communication results are received from said response information receiving equipment and notification data is generated.

51. (New) The television receiver according to claim 49, wherein a history of communications with said response information receiving equipment is stored in a memory and notification data is generated.

52. (New) The television receiver according to claim 41, comprising:
storing means for storing said response information to be transmitted after a delay;
and
notification means for notifying of said response information.

53. (New) The television receiver according to claim 52, comprising editing means for editing said response information when an edit instruction is sent from a user.

54. (New) A television receiver, comprising:

means for receiving data sent from a broadcasting device;

means for outputting display data to a display means based on said received data;

means for inputting response information by an operator based on display of said display data by said display means; and

communication means for transmitting said response information via a communication line having a certain transmission capability,

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wherein said communication means retransmits said response information when communication between said television receiver and response information receiving equipment is unsuccessful, said receiving means receives retrial information contained in said data transmitted by said broadcasting device, and said communication means controls retransmission of said response information to said response information receiving equipment based on said retrial information, whereby said broadcasting station controls transmission of said response information to said response information receiving equipment from said television receivers based on said transmission capability of said communication line.

55. (New) A television receiver, comprising:

means for receiving data sent from a broadcasting device;

means for displaying data based on said received data;

communication means for transmitting response information via a communication line having a certain transmission capability,

wherein said communication means retransmits said response information when communication between said television receiver and response information receiving equipment is unsuccessful, said receiving means receives retrial information contained in said data transmitted by said broadcasting device, and said communication means controls retransmission of said response information to said response information receiving equipment based on said retrial information, whereby said broadcasting station controls transmission of said response information to said response information receiving equipment from said

television receivers based on said transmission capability of said communication line.

56. (New) A data receiving device, comprising:

means for receiving data sent from a broadcasting device; and

communication means for transmitting response information via a communication line having a certain transmission capability,

wherein said communication means retransmits said response information when communication between said television receiver and response information receiving equipment is unsuccessful, said receiving means receives retrieval information contained in said data transmitted by said broadcasting device, said communication means controls retransmission of said response information to said response information receiving equipment based on said retrieval information, whereby said broadcasting station controls transmission of said response information to said response information receiving equipment from said television receivers based on said transmission capability of said communication line.

57. (New) The data receiver according to claim 56, wherein said communication means comprise:

retrieval time specifying data computation means for computing retrieval time specifying data for specifying retrieval times based on said retrieval information, when communication with said response information receiving equipment is unsuccessful; and

transmission means for retransmitting said response information when said retrieval time is reached.

58. (New) The data receiver according to claim 56, wherein initial transmission scheduling times with said response information receiving equipment are specified after being randomly computed based on received delay information.

59. (New) The data receiver according to claim 56, wherein determination as to whether or not to make retrieval transmission is made based on transmission end time provided by said broadcasting device.

60. (New) The data receiver according to claim 56, comprising detection means for detecting causes of non-establishment of communications with said response information receiving equipment.

61. (New) A television receiver, comprising:

a tuner for selecting a transport stream from data sent from a broadcasting device;

a transport decoder for selecting display data of a desired service from said selected transport stream;

an AV decoder for outputting said display data of said selected service to a monitor;

a control input unit for a user to input response information;

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a line communication unit for sending said response information via a communication line having a certain transmission capability;

a CPU; and

a memory in which a control program for said CPU is stored,

wherein said control program retransmits said response information via said line communication unit based on retrieval information contained in the broadcast data, when communication with said response information receiving equipment is unsuccessful.

62. (New) A data transceiving system, comprising:

a broadcasting device for broadcasting data;

a plurality of data receivers for receiving said broadcast data and transmitting response information via communication lines having a certain transmission capability; and

response information receiving equipment connected to said data receivers via said communication lines for receiving said response information from said data receivers;

wherein said broadcasting device sends probability variation data, included in said broadcast data, wherewith a probability of generating a transmission time varies over time, and said data receivers determine transmission scheduling times for transmitting to said response information receiving equipment based on said received probability variation data, whereby said broadcasting device controls transmission of said response information to said response information receiving equipment from said data receivers based on said transmission capability of said communication line.

63. (New) A data transceiving system for causing a broadcasting station to transmit data to a plurality of data receivers through broadcasting and causing said data receivers to transmit response information to response information receiving equipment via a communication line having a certain transmission capability in response to said data transmission,

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wherein upon receipt of probability variation data in said data transmission, wherewith said probability, wherewith transmission times are generated that vary over time from said broadcast station, said receivers determine transmission scheduling times for transmitting to said response information receiving equipment based on said received probability variation data, whereby said broadcasting station controls transmission of said response information to said response information receiving equipment from said data receivers based on said transmission capability of said communication line.

64.(New) A data receiver for receiving data broadcast from a broadcast device and sending response information via a communication line having a certain transmission capability to response information receiving equipment,

wherein transmission scheduling times for transmitting to said response information receiving equipment are determined based on received probability variation data in said broadcast data, when said probability variation data, wherewith a probability with which transmission times are generated varies over time, is received from said broadcasting device, whereby said broadcasting device controls transmission of said response information to said response information receiving equipment from said data receiver based on said transmission capability of said communication line.

65. (New) The data receiver according to claim 64, wherein a time until said transmission scheduling time is random-number generated using said received probability variation data, and said transmission scheduling time is determined, when a transmission start enabled time is received from said broadcasting device, whereby said broadcasting device controls transmission of said response information to said response information receiving equipment from said data receivers based on said transmission capability of said

communication line.

66. (New) A data transceiving method, comprising:

receiving broadcast data;

sending response information via a communication line having a certain transmission capability; and

when said broadcast data, including retrieval information based on allowable volume on said communication line, is received, and when communication cannot be established using said communication line, retransmitting said response information based on said received retrieval information, whereby a broadcasting device controls transmission of said response information based on said transmission capability of said communication line.

67. (New) A data transceiving method, comprising:

sending response information via a communication line having a certain transmission capability, when a data broadcast is received, wherein the broadcast data includes probability variation data, wherewith a probability of generating a transmission time varies over time; and

determining transmission scheduling times for transmitting over said communication line based on said received probability variation data, whereby broadcasting station controls transmission of said response information based on said transmission capability of said communication line.

68. (New) A recording medium for storing a program for controlling, by a computer, a television receiver that receives data broadcast from a broadcasting device and sends response information to response information receiving equipment via a communication line having a certain transmission capability,

wherein said program performs processing for re-transmitting said response information to said response information receiving equipment based on retrieval information received from said broadcasting device in the broadcast data, when communication between said television receiver and said response information receiving equipment is unsuccessful, whereby said broadcasting device controls transmission of said response information to said

response information receiving equipment from said television receiver based on said transmission capability of said communication line.

Concl. 69. (New) A recording medium for storing a program for controlling, by a computer, a data receiver that receives data broadcast from a broadcasting device and sends response information to response information receiving equipment via a communication line having a certain transmission capability,

wherein said program performs processing for determining transmission scheduling times for transmitting to said response information receiving equipment based on received probability variation data in the broadcast data, when said probability variation data, wherewith a probability of generating a transmission time varies over time, is received, whereby said broadcasting device controls transmission of said response information to said response information receiving equipment from said data receiver based on said transmission capability of said communication line.
